

ColourFal Zerø[®] 950 colourants are VOC-free high strength aqueous binder-free pigment dispersions manufactured without alkyl phenol ethoxylated (APEO) additives. These aqueous pigment dispersions are compatible across a broad range of water-based and low-VOC coatings. Designed for optimal flow and storage characteristics with high prime pigment loading for optimal tint strength.

PRODUCT BENEFIT

- Broad range aqueous compatibility for paints, plasters, inks and various systems
- High tint strength in a VOC-free (ASTM D 6886) & APEO free water-based chemistry platform
- A tint extender 900-000 EXT is available to adjust the tint strength as required
- Superior shelf stability against pigment settling and viscosity increase
- Due to their high tint strength, they are best suited for in plant tinting

SPECIFICATIONS

ColourFal Zerø[®] 950 series specifications are controlled gravimetrically. The tint strength is $\pm 3\%$, dE in white ≤ 1.0 and dE in masstone ≤ 2.0 .

The data presented in the table below is meant to provide a general indication and is not a sales specification. The colour index relates to the primary pigment being used in each colourant.

CANISTER CODE	PRODUCT CODE	PRODUCT DESCRIPTION	COLOUR INDEX	SPECIFIC GRAVITY	% PIGMENT SOLIDS By Wt.	LIGHT FASTNESS (Full shade/Tint)	WEATHER FASTNESS (Full shade/Tint)
EXT	900-000	Extender	Talc	1.78	60	8 / 8	5 / 5
AXX	950-010	Yellow 5GX	PY74	1.24	40	6 / 5	3-4 / 2
B	950-020	Black	PBK7	1.26	43	8 / 8	5 / 5
C	950-030	Yellow Oxide	PY42	2.07	65	8 / 8	5 / 5
D	950-040	Green	PG7	1.36	50	8 / 7-8	5 / 4-5
ER	950-050	Blue R/S	PB15:1	1.22	40	8 / 7-8	5 / 4-5
EG	950-055	Blue G/S	PB15:3	1.22	45	8 / 7-8	5 / 4-5
F	950-060	Red Oxide	PR101	2.21	65	8 / 8	5 / 5
KX	950-080	White	PW6	2.10	65	8 / 8	5 / 5
S	950-100	Organic Red	PR112	1.20	47	7 / 5	4 / 3
BS	950-120	Magenta	PR122	1.18	32	7-8 / 7-8	4-5 / 4-5
AN	950-130	Exterior Yellow	PY154	1.15	30	8 / 8	5 / 5
ZS	950-150	Violet	PV23	1.24	30	8 / 8	4-5 / 4
BVE	950-160	BV Yellow	PY184	2.32	65	8 / 8	5 / 5

The above are typical values and are not product specifications.

The data for light fastness, weather fastness, and chemical resistance is derived from pigment manufacturers.

Light Fastness: (8=excellent, 1=poor) Tint = (1:4.6 TiO₂)

Weather Fastness (5=excellent, 1=poor); 12 months/Long Oil Alkyd, Chemical Resistance: (5=excellent, 1=poor)

STORAGE CONDITIONS

Best if mixed prior to use. Shelf life is 2 years post manufacturing date.

DISCLAIMER : The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case, we urge and recommend purchasers, before using any product in full-scale production, to make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing. Nothing contained herein shall be construed to imply the non-existence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent. Rev 5. August 24, 2023.